

### Organic Nomenclature

Go to the following site - <https://www.youtube.com/watch?v=c57jttGS8qI> . The site is also linked from the class website – loganchemistry.weebly.com. After watching the video about organic nomenclature, answer the following questions.

1. Complete the chart with the prefixes.

# of carbons	prefix
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

2. What is an alkane? \_\_\_\_\_
3. Draw what pentane looks like?
  
4. What would it be called if you have 5 carbons in a ring? \_\_\_\_\_
5. What is a substituent? \_\_\_\_\_
6. What does an isopropyl substituent look like?
  
7. Draw a 2-methylpentane molecule.

8. Draw a 3-ethyloctane molecule.

9. Draw a 2-isopropylhexane molecule.